

LASER BRIEF

DATES OF LASING

UNIT

1. A LASER firing log will be kept and a copy of all LASER firings shall be turned into the Range Safety Office. These logs are required to be retained for three (3) years.
2. The target and target area(s) must be free of any specular reflectors (mirrors, glass, still water, etc.).
3. The range boundaries must be posted to advise other units and personnel of the presence of LASER operations.
4. The LASER must always be pointed downrange (Toward the target).
5. All personnel in the immediate area of the laser firing position must be behind the operator while the LASER is in use. LASER eye protection is not required for laser operators or observation personnel viewing the target area with LASER safe binoculars when they remain in this position. However, personnel should never wander into the beam path, its associated buffer, or the laser target area without appropriate laser eye protection. Such eye protection shall have curved lenses and an optical density (OD) of six or greater at the LASER wavelength.
6. Only authorized targets may be designated or ranged.
7. Do not designate or range still water, flat glass, mirrors, glazed ice, Plexiglas or any other specular reflector.
8. Do not designate or range aircraft.
9. The target must be positively identified under the cross hairs of the scope or on the operator's monitor prior to activation of the LASER.
10. Lasing shall cease if the operator or the range control is dissatisfied with target tracking.
11. Lasing shall cease when unprotected and/or unauthorized personnel enter the laser target or hazard areas.
12. The LASER will not be operated or used experimentally outside of the range area without such operation being specifically authorized by the local LASER SAFETY OFFICER.

13. The LASER exit port on all ground based LASER systems will be covered by an opaque dust cover when the LASER is located outside the range area or is not in use.

14. No special precautions are necessary for firing during rain, fog, or snowfall; however, certain range operations should be closed if water begins to pond either on the ground, snow or ice.

15. LASER operations personnel shall read the range SOP and agree to follow it at all times.

16. Report immediately any suspected injury or defective equipment so that appropriate action can be taken.

17. Operations shall be permitted only on the LASER-approved ranges.

18. Communications will be maintained with BEARMAT during all periods of LASER fire. If communications is lost, CEASE LASING until positive communications is reestablished. Communications will be maintained at all times with road guards and air sentries.

19. LASERS will not be directed above the horizon.

Name (print)

Rank

Phone

(Signature)

Types of Lasers

LASER ranges:
